

United States of America  
Department of Transportation -- Federal Aviation Administration

# Supplemental Type Certificate

*Number* SA9210SC-D

*This certificate, issued to*

L-3 Communications Avionics Systems Division  
5353 52<sup>nd</sup> Street SE  
Grand Rapids, MI 49512

*certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part \*23 of the Federal Aviation Regulations.* \*Certification basis established in Type Certificate Data Sheet applicable to the listed models in AML AMLSA9210SC-D Rev. IR, dated March 4, 2008 or later FAA approved revisions.

*Original Product—Type Certificate Number:*

See attached FAA Approved Model List (AML), Document AMLSA9210SC-D

*Make:*

Rev. IR or later FAA approved revisions

*Model:*

For the list of approved airplane models, applicable installation data requirements and specific limitations

*Description of the Type Design Change:*

Installation of the L-3 Communications Avionics Systems Infrared Imaging System (IRIS) in accordance with:

- (1) L-3 Communications Integrated Systems Sealed Drawing List SLD 03550-1 Rev. A dated April 27, 2007;
- (2) L-3 Communications Aeromet C90 Enhanced Vision System Instructions for Continued Airworthiness, Rev. D dated April 18, 2007;
- (3) L-3 Communications Integrated Systems FAA Approved Airplane Flight Manual Supplement A46PM5046, Rev. A dated April 27, 2007 or later FAA approved revision of (1), (2), or (3).
- (4) Genesis 3 Engineering, Inc. Master Data List, Document No. as listed in AMLSA9210SC-D Rev. IR, dated March 4, 2008 or later FAA approved revision.

*Limitations and Conditions:*

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. A copy of this certificate and the FAA approved Airplane Flight Manual, listed in AML AMLSA9210SC-D Rev. IR, dated March 4, 2008 or later FAA approved revision, must be maintained as part of the permanent records of the aircraft.
3. If the holder agrees to permit another person to use this certificate, the holder shall give the other person written evidence of that permission.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* December 14, 2006

*Date reissued:* 6/21/07, 7/18/07, March 26, 2008

*Date of issuance:* April 27, 2007

*Date amended:* March 4, 2008



*By direction of the Administrator*

*Melissa Sandow*

Melissa Sandow (Signature)

Senior Engineer

Denver Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

RGL - 3/26/08 *in*

FAA APPROVED MODEL LIST (AML) NO. AMLSA9210SC-D  
INSTALLATION OF L-3 Communications Avionics Systems Infrared Imaging System (IRIS)

AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	Master Data List		AFM SUPPLEMENT Rev. / DATE	AML REVISION  DATE
				NO.	REV  Date		
Hawker Beechcraft	C90	3A20	CAR 3 with amendments listed in TCDS 3A20	L03-002-002	Rev. IR  10/3/07	L02-002-010  Rev. IR	IR  3/4/08
Hawker Beechcraft	C90A	3A20	CAR 3 with amendments listed in TCDS 3A20	L03-002-002	Rev. IR  10/3/07	L02-002-010  Rev. IR	IR  3/4/08
Hawker Beechcraft	C90GT	3A20	CAR 3 with amendments listed in TCDS 3A20	L03-002-002	Rev. IR  10/3/07	L02-002-010  Rev. IR	IR  3/4/08
Hawker Beechcraft	E90	3A20	CAR 3 with amendments listed in TCDS 3A20	L03-002-002	Rev. IR  10/3/07	L02-002-010  Rev. IR	IR  3/4/08
Hawker Beechcraft	F90	A31CE	14 CFR part 23 with amendments listed in TCDS A31CE	L03-002-002	Rev. IR  10/3/07	L02-002-010  Rev. IR	IR  3/4/08
Hawker Beechcraft	H90	3A20	CAR 3 with amendments listed in TCDS 3A20	L03-002-002	Rev. IR  10/3/07	L02-002-010  Rev. IR	IR  3/4/08
Hawker Beechcraft	100	A14CE	14 CFR part 23 with amendments listed in TCDS A14CE	L03-002-002	Rev. IR  10/3/07	L02-002-010  Rev. IR	IR  3/4/08
Hawker Beechcraft	A100	A14CE	14 CFR part 23 with amendments listed in TCDS A14CE	L03-002-002	Rev. IR  10/3/07	L02-002-010  Rev. IR	IR  3/4/08

REVISION: IR

ISSUE DATE: 3/4/08 or later FAA Approved Revision

FAA APPROVED MODEL LIST (AML) NO. AMLSA9210SC-D  
INSTALLATION OF L-3 Communications Avionics Systems Infrared Imaging System (IRIS)

AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	Master Data List		AFM SUPPLEMENT Rev. / DATE	AML REVISION  DATE
				NO.	REV  Date		
Hawker Beechcraft	A100A	A14CE	14 CFR part 23 with amendments listed in TCDS A14CE	L03-002-002	Rev. IR  10/3/07	L02-002-010  Rev. IR	IR  3/4/08
Hawker Beechcraft	A100C	A14CE	14 CFR part 23 with amendments listed in TCDS A14CE	L03-002-002	Rev. IR  10/3/07	L02-002-010  Rev. IR	IR  3/4/08
Hawker Beechcraft	B100	A14CE	14 CFR part 23 with amendments listed in TCDS A14CE	L03-002-002	Rev. IR  10/3/07	L02-002-010  Rev. IR	IR  3/4/08
Hawker Beechcraft	200	A24CE	14 CFR part 23 with amendments listed in TCDS A24CE	L03-002-002	Rev. IR  10/3/07	L02-002-010  Rev. IR	IR  3/4/08
Hawker Beechcraft	200T	A24CE	14 CFR part 23 with amendments listed in TCDS A24CE	L03-002-002	Rev. IR  10/3/07	L02-002-010  Rev. IR	IR  3/4/08
Hawker Beechcraft	200C	A24CE	14 CFR part 23 with amendments listed in TCDS A24CE	L03-002-002	Rev. IR  10/3/07	L02-002-010  Rev. IR	IR  3/4/08
Hawker Beechcraft	200CT	A24CE	14 CFR part 23 with amendments listed in TCDS A24CE	L03-002-002	Rev. IR  10/3/07	L02-002-010  Rev. IR	IR  3/4/08
Hawker Beechcraft	B200	A24CE	14 CFR part 23 with amendments listed in TCDS A24CE	L03-002-002	Rev. IR  10/3/07	L02-002-010  Rev. IR	IR  3/4/08

REVISION: IR

ISSUE DATE: 3/4/08 or later FAA Approved Revision



FAA APPROVED MODEL LIST (AML) NO. AMLSA9210SC-D  
 INSTALLATION OF L-3 Communications Avionics Systems Infrared Imaging System (IRIS)

AIRCRAFT MAKE	AIRCRAFT MODEL	ORIGINAL TYPE CERTIFICATE NUMBER	CERTIFICATION BASIS FOR ALTERATION	Master Data List		AFM SUPPLEMENT Rev. / DATE	AML REVISION  DATE
				NO.	REV  Date		
Hawker Beechcraft	B200C	A24CE	14 CFR part 23 with amendments listed in TCDS A24CE	L03-002-002	Rev. IR  10/3/07	L02-002-010  Rev. IR	IR  3/4/08
Hawker Beechcraft	B200CT	A24CE	14 CFR part 23 with amendments listed in TCDS A24CE	L03-002-002	Rev. IR  10/3/07	L02-002-010  Rev. IR	IR  3/4/08
Hawker Beechcraft	B200T	A24CE	14 CFR part 23 with amendments listed in TCDS A24CE	L03-002-002	Rev. IR  10/3/07	L02-002-010  Rev. IR	IR  3/4/08
Hawker Beechcraft	300	A24CE	14 CFR part 23 with amendments listed in TCDS A24CE	L03-002-002	Rev. IR  10/3/07	L02-002-010  Rev. IR	IR  3/4/08
Hawker Beechcraft	300LW	A24CE	14 CFR part 23 with amendments listed in TCDS A24CE	L03-002-002	Rev. IR  10/3/07	L02-002-010  Rev. IR	IR  3/4/08
Hawker Beechcraft	B300	A24CE	14 CFR part 23 with amendments listed in TCDS A24CE	L03-002-002	Rev. IR  10/3/07	L02-002-010  Rev. IR	IR  3/4/08
Hawker Beechcraft	B300C	A24CE	14 CFR part 23 with amendments listed in TCDS A24CE	L03-002-002	Rev. IR  10/3/07	L02-002-010  Rev. IR	IR  3/4/08

REVISION: IR

ISSUE DATE: 3/4/08 or later FAA Approved Revision

FAA APPROVED MODEL LIST (AML) NO. AMLSA9210SC-D  
INSTALLATION OF L-3 Communications Avionics Systems Infrared Imaging System (IRIS)

REVISION	DATE	DESCRIPTION
IR	3-4-08	Initial Release

FAA Approval:   
Ronald F. May  
Manager, Denver Aircraft Certification Office

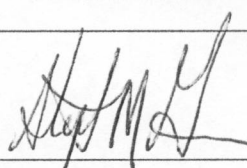
REVISION: IR  
ISSUE DATE: 3/4/08 or later FAA Approved Revision

**15. Delamination**

Delamination requires an engineering disposition form the holder of the STC prior to the next flight.

**16. Airworthiness Limitations**

The airworthiness limitations section is FAA approved and specifies maintenance required under 43.16 and 91.403 of the Federal Aviation Regulations unless an alternative program has been FAA approved.

REVISION	DATE	SIGNATURE	APPROVED
IR	10-3-2007		MAR 4 2008

The airworthiness limitations specified in this document are detailed in section 5.